

METHODS AND APPARATUS FOR PROVIDING POWER SIGNALS TO  
OPERATING CIRCUITRY MOUNTED ON CIRCUIT BOARDS

ABSTRACT OF THE DISCLOSURE

5       A technique involves providing a set of soft start power signals to operating  
circuitry mounted on a circuit board. In particular, the technique involves enabling (i) a  
first converter to provide a first soft start power signal to the operating circuitry and (ii)  
a second converter to provide a second soft start power signal to the operation circuitry.  
Additionally, the technique involves providing a first control signal that indicates  
10   whether the first converter properly provides the first soft start power signal, and  
providing a second control signal that indicates whether the second converter properly  
provides the second soft start power signal. Furthermore, the technique involves  
disabling the first converter if the second control signal indicates that the second  
converter improperly provides the second soft start power signal, and disabling the  
15   second converter if the first control signal indicates that the first converter improperly  
provides the first soft start power signal.